

BPR 200 Microsoft Office System: General Session

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Agenda

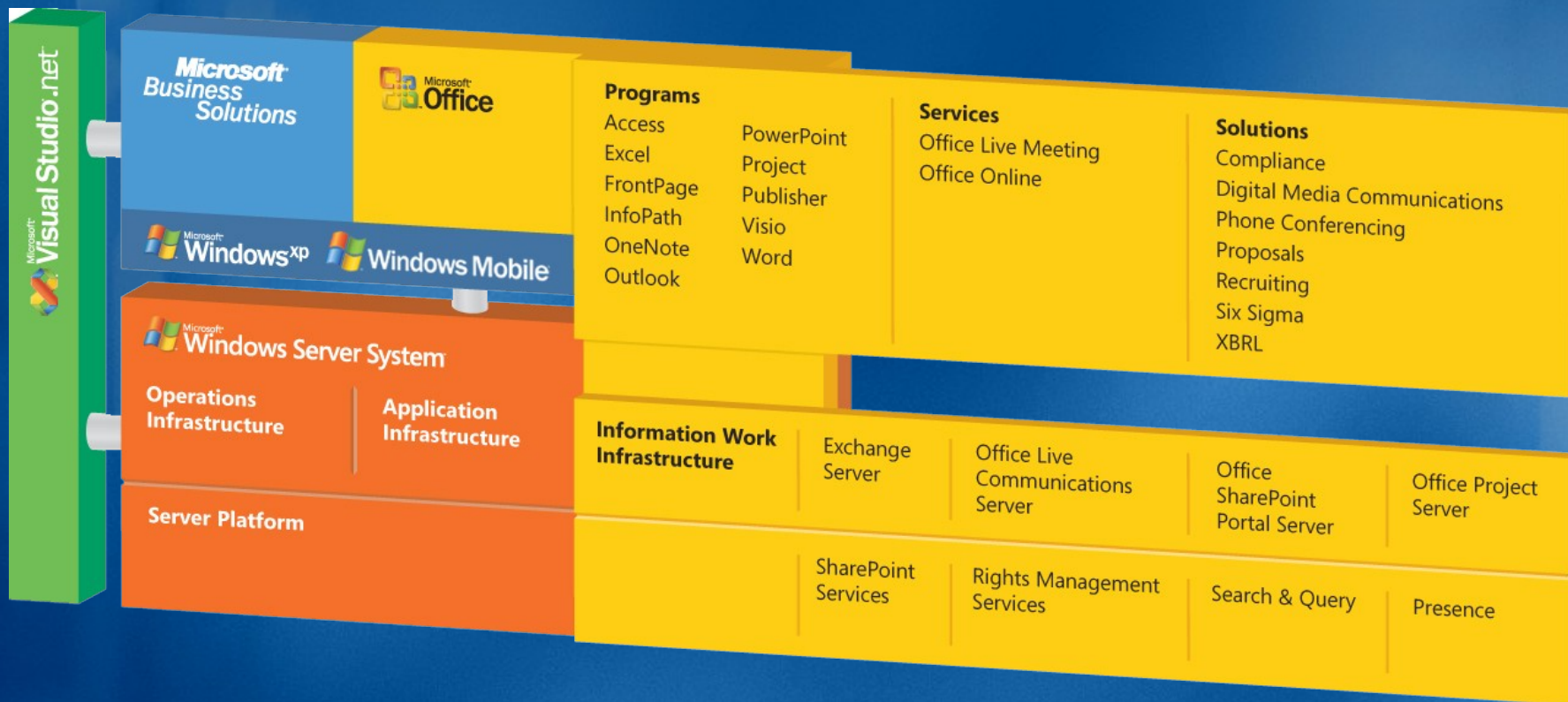
- **Electronic Forms and Microsoft Office InfoPath 2003**
 - Service Pack 1 Enhancements
- **Migrating to Microsoft Office Access 2003**
 - Service Pack 1 Enhancements
- **Windows SharePoint Services**
 - Developer Opportunities
- **Microsoft Office System and Trustworthy Computing**



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Office

System = Programs + Servers + Solutions + Services



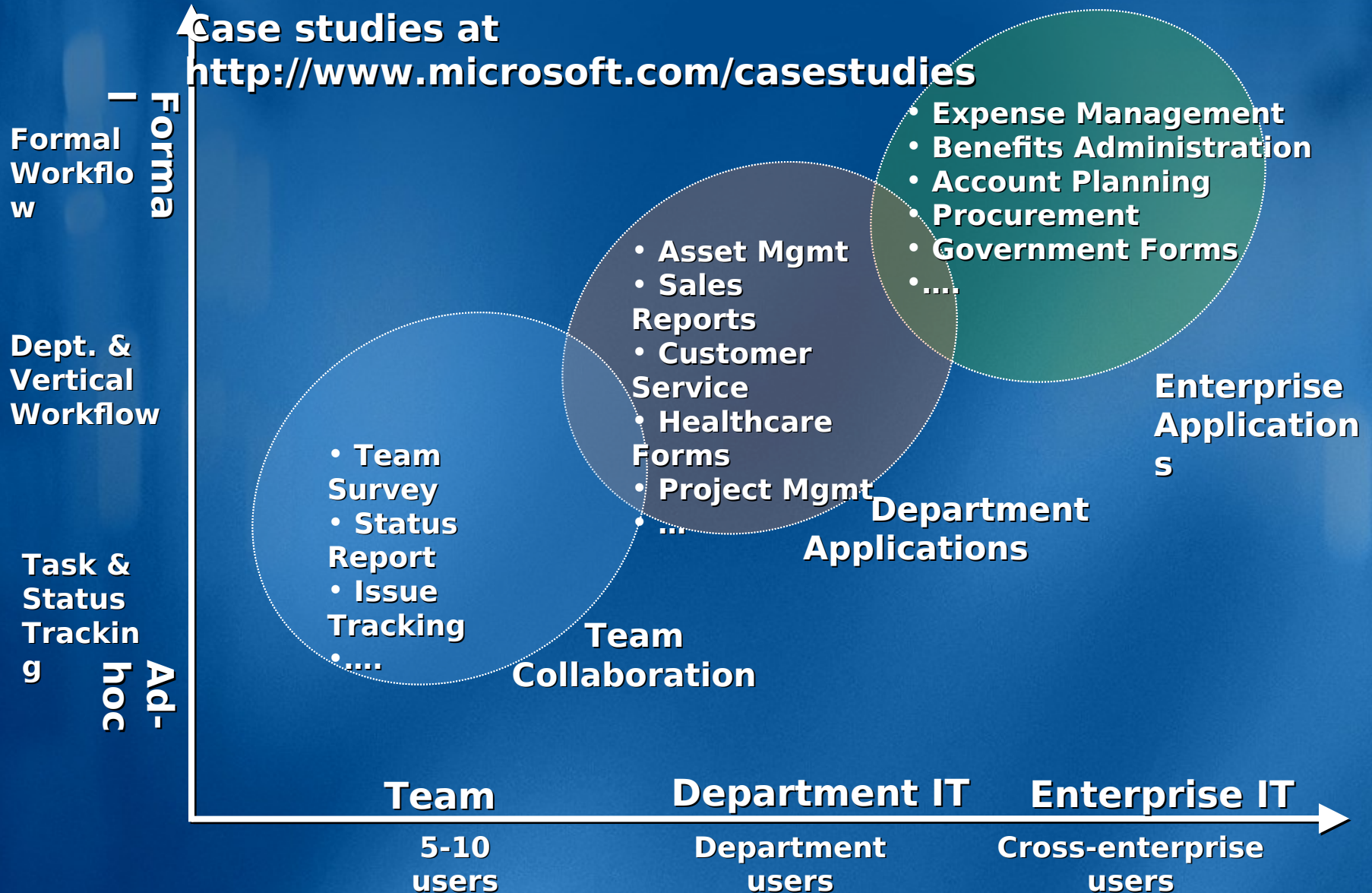
InfoPath Overview

- **What is InfoPath?**
 - Microsoft Office desktop program for gathering information in rich, dynamic forms
 - Designer and platform for a new generation of electronic forms
- **Availability**
 - **InfoPath 2003**
 - Included in Microsoft Office Professional Enterprise Edition 2003
 - Also available standalone
 - Product update to be included in Office 2003 SP1

Benefits Of InfoPath

- **Gather information more flexibly and accurately**
 - Dynamic form controls (repeating sections, optional fields, choice)
 - Rich editing experience (text formatting, AutoCorrect)
 - Offline form filling & email support
 - Office quality UI and accessibility (complies with section 508)
- **Connect people, information & processes more effectively**
 - Based on XML standards
 - Support for any customer-defined XML schema
 - Built-in support for XML Web services
 - Digital signature support
 - Works with existing business processes
- **Reduce development and deployment effort**
 - Rapid solution creation from XML documents & schemas
 - Validation, conditional formatting, rules, calculations w/o code
 - Business logic developed in managed code
 - Silent deployment of forms and automatic updates

Solutions Landscape



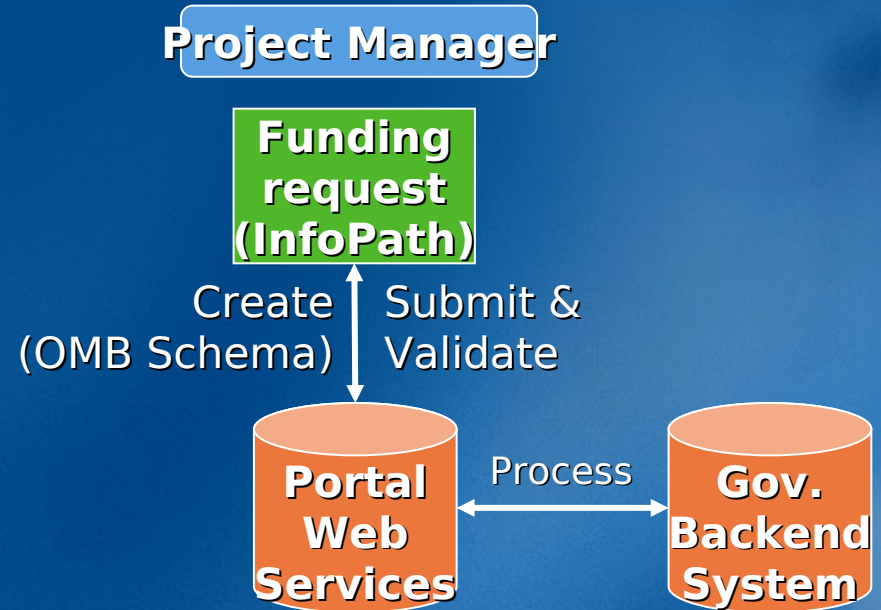
Customer Solution Funding Request

Scenario: Budget request for IT spend

Customer: U.S. Office of Management and Budget

Details:

- Before: Funding request submitted as text document
- OMB standard XML document for funding request
- InfoPath form experience
 - Document: flexible, offline, rich editing
 - Forms: data validation, calculations, dynamic structure
 - Application: navigation and help, views
- Backend system and



Business Value:

- Reduces processing time significantly
- Abstracts form tool from back-end
- Office experience limits retraining

InfoPath 2003 Product Update



Developers

End Users

Easier to Integrate

Managed Code Support
ADO.NET Datasets Support
BT2004 Human Workflow

Improved Email Options
Digital Signature

Improved Functionality

Services
Improved Schema Handling
Better Performance
Scriptless Calculations

Improved Printing
Tablet PC Inking Controls

New Customization Options

Custom Controls
Offline Detection
Autorecovery

Roles and Rules
Forms Automation

Broad 3rd Party Support



InfoPath Summary

- **New generation of electronic forms**
 - Blur line between forms, documents and applications
 - Rapid development, easy and secure deployment
 - Integrate with any existing process or system via Web Services
- **Data and View Integrity**
 - Dynamic forms allow for this duality
 - Data is the input to the processes
 - View is important for continuity
- **XML Standards-based**
 - Customer-defined schema
 - W3C standards: XSLT, XPATH, XSD, UDDI, Web Services

demo

InfoPath 2003 - SP1 Product Updates

Upgrading Microsoft Access



Microsoft Office Access Conversion Toolkit



- **Scanning Tool**
 - Scans server shares for MDB's at the file level, DAO level and Access level properties
 - GUI and command line
- **Reporting Front End**
 - Canned reports that make sense of the data returned from the scanning tool
- **eLearning and Documentation**
 - Best practices and guidelines to aid our customers through Access 97 conversion
- **Changes to the msaccess.exe (SP1)**
 - Corrected top conversion errors

Access 2003 Issues Addressed

- **Unable to convert databases with uncompiled code**
 - **Automatically Compact**
- **Bogus references to old type libraries present in old MDB files**
 - **References removed**
- **Control or enforce conversion to/from 2003**
 - **Added Group Policy control**

demo

Microsoft Access Conversion Toolkit

Real World Results

- 100's of thousands of customer databases scanned
 - Vast majority require no intervention at all
 - Issues seen
 - Compiled MDE
 - Missing data sources, Linked tables
 - Use of reserved keywords for table name

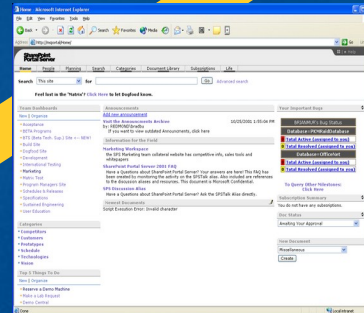
Specific Example - Large Multi-National Organization

~92% Seamless

Intervention?	Issue Description	Num.	%Age
No Issues		27,881	80.9%
Unlikely			
	Linked Tables	3,775	11.0%
Likely			
	Sort order and system language don't match	901	2.6%
	Secured Database: Database Password	532	1.5%
	Linked Tables	333	1.0%
	Secured Database: User Level Security	29	0.1%
Required			0.0%
	Database is an MDE file	384	1.1%
	Linked Tables	272	0.8%
	Replicated database	231	0.7%
	Reserved Name in Form/Report/Macro	56	0.2%
	Sort order and system language don't match	48	0.1%
	Secured Database: Database Password	7	0.0%
Total		34,449	

Enterprise

- ## Division



SharePoint Family Features

- **Collaboration Services**
- **Document Management**
- **Enterprise App Integration**
- **People and Personal Context**
- **Finding Information: Publishing, Search, Alerts**
- **Intranet Lifecycle**
- **Productivity Application Integration**
- **Deployment, Manageability,**

Development And Customization

- **NET-based Site and Page platform**
- **Web Service Interface**
 - **Lists, Forms, Document Libraries, Image Libraries, Meeting and Document workspaces**
 - **Create and Manage webs, sites, users**
- **Web Part Framework**
 - **Connect to enterprise data**

FrontPage 2003

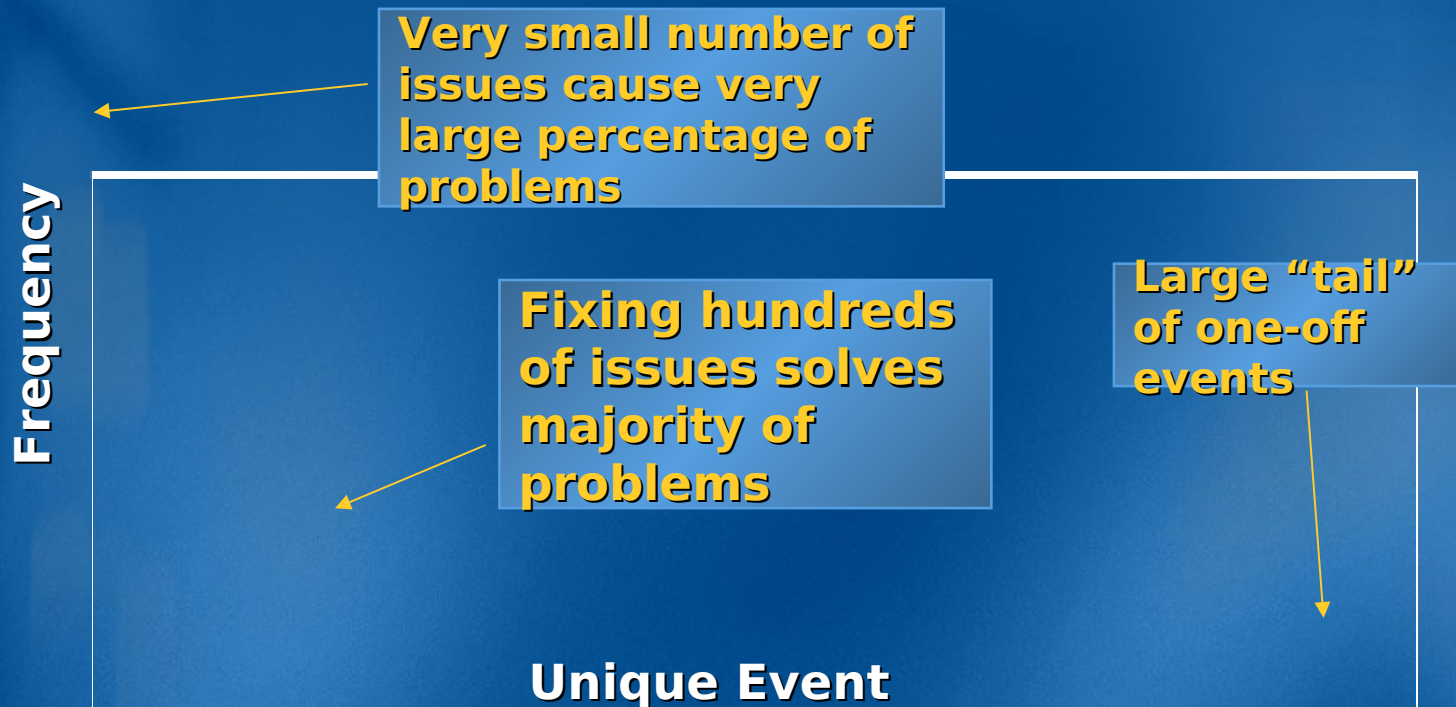
Extending SharePoint Web sites

- Bring external data into SharePoint sites
 - **XSLT Data view Web Part** for creating highly formatted views on XML data
 - **Conditional Formatting** for rich presentation of data
 - **Connected Data Views** for detailed solution pages (e.g., master-details views)

demo

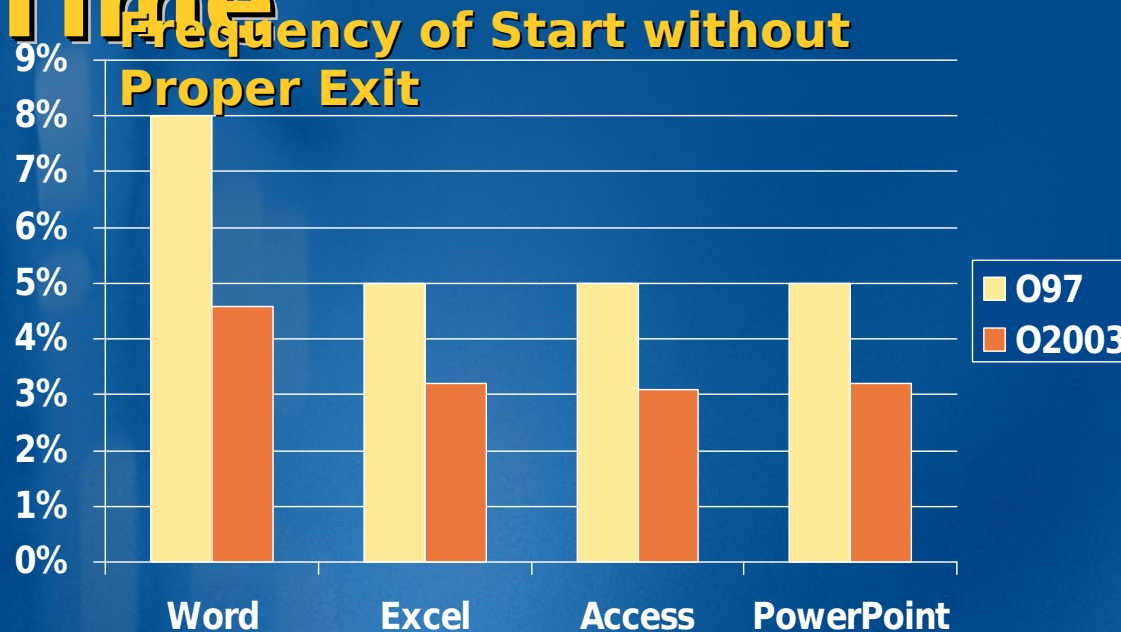
Microsoft FrontPage
Microsoft Access
Windows SharePoint
Services

Office Customer Experience Improvement Program



- Non-default, Voluntary, and Anonymous Data, and lots of it!
- Watched, Analyzed, Acted upon by entire development team
- Corporate error reporting if needed
- Core aspect of ongoing sustaining and development efforts

Office Quality Improves Over Time



Office 2003 Results

- 9 of 10 users never experienced a crash in first 90 days of usage
- Over 400 crashing issues fixed in SP-1 (and ported to Office XP SP-3)
- Updated over 3,400 help topics and articles
- Addressed over 30% of all crashes experienced

Today We Saw...



- **Microsoft Office InfoPath 2003**
 - **Service Pack 1**
- **Microsoft Office Access 2003**
 - **Conversion Toolkit**
 - **Service Pack 1**
- **Windows SharePoint Services**
 - **Integration with InfoPath and Microsoft Office FrontPage 2003**
- **Ongoing Commitment to Quality**
 - **Service Pack 1**

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